Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 21 May 2021 until 23:59 on Saturday 22 May 2021

Forecast Issued on Thursday 20 May 2021 at 16:14

Confidence: Generally high confidence.

Headline for Friday 21 May 2021: Heavy rain, fog, feeling cold in strong winds.

Mountain weather hazards on Friday 21 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain	Heavy rain showers	Light rain	Light rain
Precipitation probability							
80%	80%	70%	80%	50%	50%	50%	50%

Forecast for Friday 21 May 2021

Weather: Overcast for much of the day with periods of heavy rain, and widespread low cloud shrouding hills. Some cloud breaks may develop later in the day. It will feel cold in strong southeasterly winds, gusting to near gale force over exposed peaks and ridges, veering northerly later and easing.

Chance of cloud free mountain/hill tops above 600m: Zero to 10 percent through the day, perhaps 30 percent for a time during the late afternoon and evening as cloud breaks develop.

Visibility: Moderate to poor in heavy rain in valleys with nearby hills obscured. Very poor at altitude with widespread low cloud cover.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Friday 21 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 S	18/25 S	14/20 SE	9/14 SE	13/19 NE	15/22 N	17/25 N	19/28 N	19/29 N
300	13/27 S	11/23 S	9/18 SE	7/13 SE	10/18 NE	12/22 N	12/24 N	14/28 N	14/27 N
Valley	13/28 SE	10/24 S	8/18 SE	7/13 E	10/20 N	11/22 N	13/27 N	13/28 N	12/25 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	6/2	6/4	7/4	7/3	6/2	4/-1	3/-3
300	7/4	8/5	8/5	9/7	10/8	10/8	9/6	7/3	5/1
Valley	9/6	9/7	9/7	10/9	12/10	12/10	10/7	8/4	6/2
Freezing Level*	1700m	1600m	1600m	1600m	1700m	1600m	1500m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold in the strong winds, gusting to 40-45 mph at times during the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 20 May 2021	10mm	10.4mm	15.2mm

Forecast for Saturday 22 May 2021

Weather: Rain will tend to clear during the early hours with broken cloud cover. An early frost is possible on exposed slopes. Some sunny spells are expected during the day with a few showers developing, then mainly dry with variable cloud into the evening.

Maximum wind: Moderate or fresh northwesterly winds, locally strong at first, gusting to 40 mph during the morning.

Chance of cloud free mountain/hill tops above 600m: 30 percent in the early hours, becoming 80 percent during the day.

Visibility: Mainly good or very good with distant hills visible. Perhaps moderate at first in early mist, and poor in any early fog on hills. Locally moderate in showers.

Temperature: **Valleys:** 3 deg C becoming 11 deg C.
At 600m: 0 deg C becoming 5 deg C.
Freezing level: Around the peaks at first and again later, slightly above peaks during the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved